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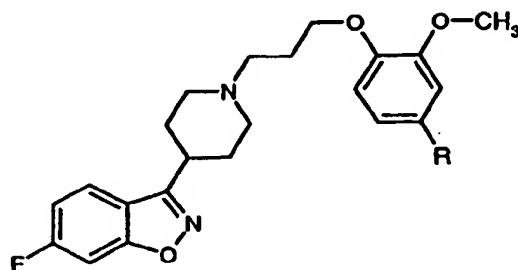
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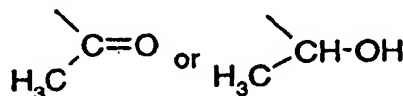
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(54) Title: INJECTABLE DEPOT FORMULATION COMPRISING CRYSTALS OF ILOPERIDONE



(I)



(FII)

(57) Abstract: An injectable depot formulation comprising crystals having Structure (I) wherein R is (FII) and the X<sub>50</sub> value of the crystals is from 1 to 200 microns. Depot formulations containing crystals of iloperidone or its metabolite have the following advantages: (i) release of the crystals in plasma can be correlated with the size of the crystals; (ii) absorption of the crystals in plasma can be correlated with the size of the crystals; (iii) the particle size of the crystals can be controlled by crystal engineering and/or milling; and (iv) the crystals are stable upon storage, and stable to sterilization procedures, such as gamma irradiation.

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